Related facts

White Rose MATHS

1 **a)** Use base 10 to show that 3 + 5 = 8

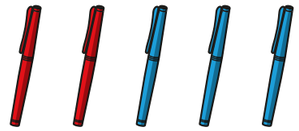
Draw your base 10

b) Use base 10 to show that 30 + 50 = 80

Draw your base 10

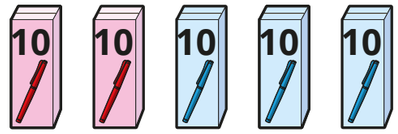
What do you notice?

2 **a)** Eva has 2 red pens and 3 blue pens.



How many pens does Eva have?

b) Tommy has 20 red pens and 30 blue pens.



How many pens does Tommy have?

3 Fill in the missing numbers in the related facts.

a) 1 + 2 = 3

10 + 20 = ☐

b) 7 + 2 = 9

70 + 20 = ☐

c) 4 + 6 = ☐

☐ + 60 = 100

d) 1 + 8 = ☐

☐ + 10 = 90

e) 3 + 4 = ☐

30 + ☐ = 70

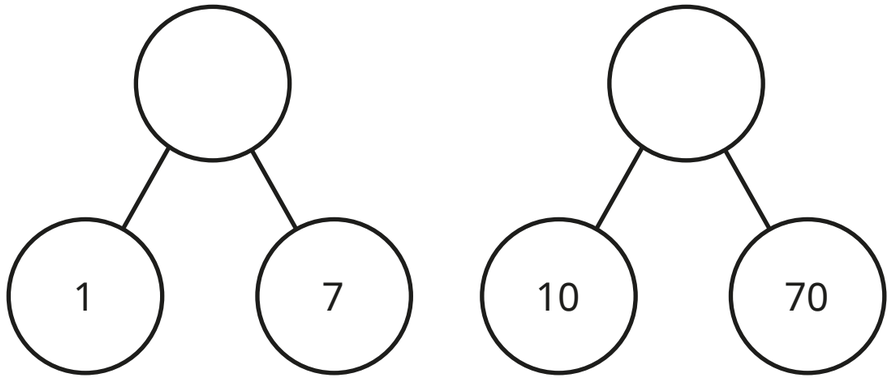
f) 8 + ☐ = 8

☐ + 80 = 80

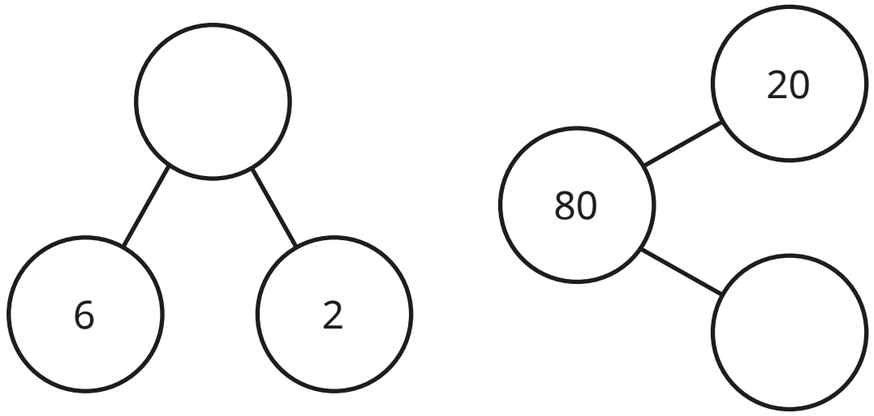
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4 Complete the part-whole models.

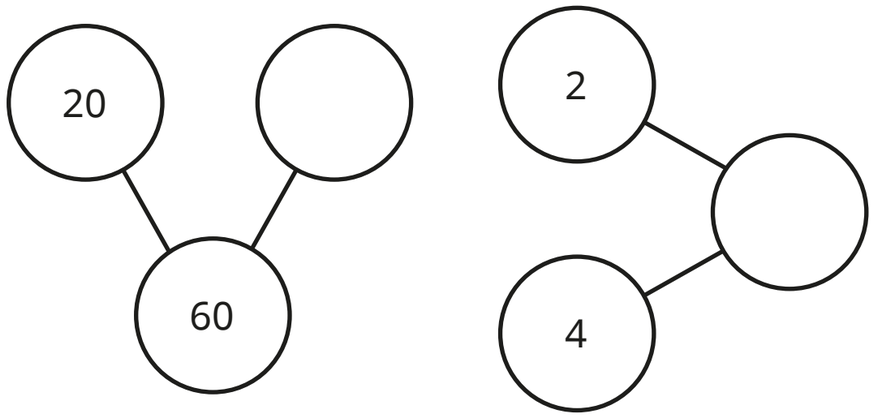
a)



b)



c)



5 Fill in the missing numbers in the related facts.

a) 5 − 3 = 2

50 − 30 = ☐

b) 7 − 1 = 6

70 − 10 = ☐

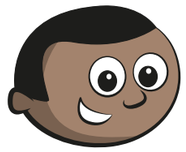
c) 10 − 6 = ☐

☐ − 60 = 40

d) 8 − 7 = ☐

80 − ☐ = 10

6



If 3 + 1 = 4,
then 30 + 10 = 400 because there are two zeros.

Draw base 10 to show that Mo is wrong.

What mistake has Mo made?

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